

## ITCT 2K2 Manuscripts

Lead Author	Paper Topic	Status	
		First Draft	Sub-m'ed
J. de Gouw	Emission sources and ocean uptake of acetonitrile in the atmosphere		Accepted JGR
D. Jaffe	Increasing background ozone on the west coast of North America		Accepted GRL
C. Forster	Lagrangian transport model forecasts and analyses for the ITCT 2K2 measurement campaign	√	√ JGR
D. Millet	Observations of acetaldehyde at a coastal site: Evidence for a light-driven maritime source	√	√ GRL
J. Kim	Large-scale circulation related with intercontinental long-range transport	√	
O. Cooper	A case study of trans-Pacific warm conveyor belt transport: The influence of merging airstreams on trace gas import to North America	√	√ JGR
O. Cooper	A comparison of airstream trace gas signatures upwind and downwind of North America – include O3 budget discussion		
W. Eberhard ?	Description of airborne LIDAR		
A. Goldstein	Asian impacts on ITCT 2K2 observations at Trinidad Head		
G. Huey	OH measurements, focus on ship plumes		
D. Millet	VOCs at Trinidad Head: Evidence for oceanic acetaldehyde emissions		
D. Parrish	O3 – HC aging relationships in the North Pacific		
J. Roberts	PAN and related species measured during ITCT-2K2		
S. Simonich	Anthropogenic semi-volatile organic compounds at Cheeka Peak Observatory		
A. Sullivan	Characteristics of fine particle ionic composition measured with the Particle Into Liquid Sampler from the NOAA P3 during ITCT 2K2		
J. Allan	Measurements of sub-micron aerosol at Trinidad Head during ITCT 2k2 using an Aerodyne Aerosol Mass Spectrometer		
A. Neuman	Vertical gradients and spatial variability in ammonium nitrate formation and nitric acid depletion over Southern California	√	
R. Hudman	Integrated analysis of continental outflow and transpacific transport of Asian pollution using aircraft and satellite measurements		
I. Bertshchi	Impacts of Eurasian Anthropogenic Emissions and Boreal Fires on the Northeast Pacific Troposphere from Aircraft observations during the ITCT/PHOBEA 2002 Spring Campaign		
Weiss	CO, O3 and aerosols at the Cheeka Peak Observatory: Annual cycle and observations during the ITCT/PHOBEA 2002 spring campaign.		
D. Jaffe	Interpretation of CO, O3 and aerosol ratios during 12 trans-Pacific transport events.		
Y. Tang	Episodic nature of pollutant transport in the Eastern Pacific during ITCT.		
Q. Liang	Seasonal variations in long-range transport and its influence on CO and ozone levels in the northeastern Pacific		
L. Jaegle	Interannual variability and composite analysis of springtime transpacific transport events		
C. Brock	Particle properties during different transport events		
J. Nowak	Gas-phase photochemistry during different transport events		

P. Hudson	Biomass burning signatures in PALMS aerosol measurements		
J. de Gouw	Distinguishing source signatures from PTR/MS VOC measurements in pollution transport plumes		
C Warneke	Biomass burning plumes characterized by PTR/MS measurements		
S. Cliff	Size distribution and concentration of particulate soil during ITCT 2K2		
T. VanCuren	Asian Derived Source as the Western US Aerosol Background		

## **PEACE Papers**

Kondo: Overview of PEACE-A and B

Kondo, Y., G. Chen, J. Crawford, M. Koike, N. Takegawa, K. Nakamura, K. Kita, D. R. Blake, S. Kawakami, T. Shirai, T. Ogawa: Photochemistry of ozone during PEACE-A and B.

Koike et al., Asian outflow to the Pacific observed during PEACE : Importance of uplifting mechanisms and subtropical jet in the central China

N. Takegawa, Y. Kondo, M. Koike, K. Kita, D. R. Blake, T. Watai, S. Kawakami, T. Shirai, and T. Ogawa: Correlations of CO, CO<sub>2</sub>, and NO<sub>y</sub> in Asian outflow plumes observed over Japan during PEACE-A

K. Kita: Relationship of O<sub>3</sub> and CO in the lower troposphere over East Asia

Shuji Kawakami, Yutaka Kondo, Nobuyuki Takegawa, Kazuyuki Kita, Makoto Koike, Toshinobu Machida, Tomonori Watai, Donald R. Blake, Tomoko Shirai, Toshihiro Ogawa, PEACE science team: Characteristic of atmospheric fine structure of ozone, carbon monoxide, and humidity during PEACE in winter and spring 2002

M. Takigawa, H. Akimoto, K. Sudo, M. Takahashi, N. Takegawa, Y. Kondo: Estimation of the contribution of inter-continental transport by using a global chemical model